

SUPPLEMENTAL REQUIREMENTS

Please provide the following information:

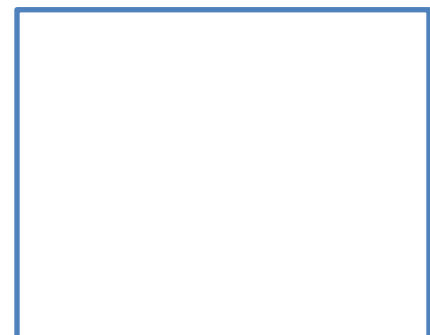
Date of Submission: _____
Company Name: _____
Contact Name: _____
Contact Email: _____
Product Name: _____
Dimensions (width x height): _____
Primary Material: _____

In order for a bus shelter to be placed within NCDOT Right of Way, a North Carolina Licensed Professional Engineer must seal, sign and date, verifying the following information:

1. The bus shelter is correctly designed to withstand a maximum design wind velocity of _____ mph. (Reference the wind zone map on the following page – ASCE 7.10 Figure 26.51A Basic Wind Speeds.)
2. The bus shelter (considered to be a rigid, partially enclosed building) is correctly designed to resist all applicable loads in accordance with ASCE/SEI 7: *Minimum Design Loads for Buildings and Other Structures*.
3. The main wind force resisting system (MWFRS) for the bus shelter is correctly designed in accordance with the *AASHTO Standard Specifications for Structural Support for Highway Signs, Luminaires and Traffic Signals*.

As a Licensed Professional Engineer in the state of North Carolina, I verify the three statements noted above.

*As part of the encroachment process, the site specific soil conditions of each bus shelter within NCDOT Right of Way must be evaluated by a Professional Engineer licensed in the state of NC to verify that the foundation is designed according to current AASHTO or ACI requirements. Additionally, as a minimum, the bus shelter foundation and connections must satisfy the manufacturer's recommendations.



Seal of NC Licensed PE